



Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

SOYBEAN PLANTING ADVANCES RAPIDLY

Warm weather throughout the week allowed producers to make significant planting progress, according to the USDA, NASS, Minnesota Field Office. As of May 20, soybean planting advanced to 81 percent complete, compared to 30 percent last year and 56 percent for the five-year average. Other crops nearing planting completion included canola and potatoes at 99 and 94 percent, respectively. Statewide, 6.2 days were rated suitable for fieldwork.

Dry conditions persisted in most areas of the state, despite scattered showers over the weekend. Statewide average precipitation was 0.6 inch, less than normal in most areas. Topsoil moisture supplies decreased from the previous week and were rated 2 percent very short, 17 percent short, 76 percent adequate and 5 percent surplus.

In the first corn condition ratings of the year, the crop was rated 2 percent poor, 14 percent fair, 71 percent good, and 13 percent excellent. Corn was 76 percent emerged, ahead of 17 percent last year and 46 percent average. Twenty-six percent of the soybean crop was emerged.

Fifteen percent of spring wheat and 16 percent of barley were jointed. Oats were 33 percent jointed and 2 percent were headed. Condition ratings for all three small grains were mostly fair to excellent.

First cutting alfalfa advanced to 26 percent complete, ahead of 0 percent last year and 3 percent average. Alfalfa condition was rated 1 percent very poor, 3 percent poor, 24 percent fair, 63 percent good and 9 percent excellent. Range and pasture condition was rated 5 percent poor, 22 percent fair, 63 percent good and 10 percent excellent.

Days Suitable for Fieldwork: 6.2

	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	2	17	76	5

Crop Progress as of May 20, 2012

Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Oats	Emerged	96	85	39	68
Oats	Jointed	33	10	0	5
Oats	Headed	2	0	0	0
Spring Wheat	Emerged	100	95	29	55
Spring Wheat	Jointed	15	5	0	2
Barley	Emerged	96	89	25	53
Barley	Jointed	16	6	0	2
Corn	Planted	98	88	71	87
Corn	Emerged	76	45	17	46
Soybeans	Land Prepared	92	62	43	69
Soybeans	Planted	81	44	30	56
Soybeans	Emerged	26	3	1	11
Sunflowers	Planted	73	40	20	43
Potatoes	Planted	94	86	76	84
Canola	Planted	99	87	55	64
Dry Beans	Planted	62	21	18	33
Sweet Corn	Planted	40	19	20	36
Green Peas	Planted	91	81	60	77
Alfalfa	First Cutting	26	6	0	3

Condition as of May 20, 2012

	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	0	5	22	63	10
Oats	0	1	21	67	11
Barley	0	2	21	63	14
Spring Wheat	0	1	17	69	13
Sugarbeets	2	6	27	60	5
Corn	0	2	14	71	13
Potatoes	0	1	16	70	13
Canola	0	11	82	6	1
Alfalfa	1	3	24	63	9
Green Peas	0	0	30	67	3

The following links provides further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:

<http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:

<http://www.nws.noaa.gov/view/states.php?state=MN>

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING May 20, 2012:
Temperatures averaged from 4.7 degrees above normal in the North Central District to 9.3 degrees above normal in the West Central District. Extremes: 26 degrees in International Falls; 96 degrees in Moorhead, Montevideo. Average precipitation ranged from 0.81 inch below normal in the South Central District to 0.36 inch above normal in the Central District. Greatest weekly total of 1.46 inches was recorded in Wadena.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 5/14/2012 through 5/20/2012

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	From Norm Since 4/1
<u>NW DIST 1</u>								
Crookston	93	36	62.3	6.6	.40	-.28	-1.35	-1.18
Itasca	90	31	63.2	10.4	.45	-.24	-1.19	.72
Moorhead	96	37	66.2	8.6	.01	-.64	-1.64	-1.58
Warroad	83	29	59.0	6.3	.45	-.20	-1.09	-.57
<u>NC DIST 2</u>								
Grand Rapids	89	33	60.0	5.3	1.04	.34	.13	2.71
Intl. Falls	88	26	56.4	4.1	.05	-.61	-1.52	-.93
<u>NE DIST 3</u>								
Duluth	87	37	60.2	8.3	.94	.22	-.55	1.09
Grand Marais	67	39	50.4	3.1	.51	-.06	-.80	.34
Hibbing	88	28	56.4	5.4	.99	.42	.08	1.78
<u>WC DIST 4</u>								
Alexandria	92	41	64.8	8.1	.68	.06	-.14	1.82
Browns Valley	95	38	66.2	8.9	.10	-.45	-.76	1.39
Canby	93	42	68.6	10.1	1.37	.71	2.25	3.33
Montevideo	96	42	67.9	9.8	1.30	.63	1.98	2.66
Morris	95	42	66.6	9.2	.15	-.47	-1.08	-.39
Wheaton	94	44	67.4	9.8	.14	-.45	-1.19	1.04
<u>CENT DIST 5</u>								
Becker	93	40	66.8	8.0	1.02	.25	3.27	2.76
Collegeville	93	43	69.6	10.5	1.27	.51	2.14	2.86
Hutchinson	93	43	68.4	10.0	.50	-.18	2.25	2.97
Melrose	92	40	66.2	9.5	1.34	.62	1.90	2.45
Olivia	95	43	67.8	9.6	.49	-.15	1.73	1.71
St. Cloud	94	38	64.8	7.9	1.04	.40	2.55	3.19
Wadena	93	36	62.6	8.0	1.46	.72	.40	2.89
Willmar	94	40	66.0	7.4	1.36	.69	2.77	2.77
<u>EC DIST 6</u>								
Aitkin	89	32	58.8	5.0	1.37	.68	.45	1.81
Forest Lake	92	42	66.5	8.5	1.45	.61	2.42	2.97
MSP Airport	93	47	67.6	8.1	.44	-.31	2.34	3.13
Mora	90	37	63.8	7.9	1.18	.48	2.02	3.01
St. Paul - UofM	91	44	67.6	9.6	.63	-.21	.85	.82
<u>SW DIST 7</u>								
Lamberton	95	45	68.1	9.4	.46	-.25	3.06	2.95
Marshall	94	45	69.0	10.1	1.36	.59	3.05	2.81
Pipestone	90	39	65.7	7.9	1.24	.52	5.17	7.21
Redwood Falls	95	44	68.4	9.0	.71	-.00	3.17	3.62
Worthington	92	43	66.8	9.0	.47	-.28	1.31	1.95
<u>SC DIST 8</u>								
North Mankato	91	46	67.1	8.3	.02	-.73	.69	.98
Owatonna	91	42	67.4	9.5	0	-.93	1.64	2.14
Waseca	93	47	67.8	8.7	0	-.88	.04	-.20
Winnebago	92	47	68.6	9.5	.19	-.71	1.83	2.50
<u>SE DIST 9</u>								
Preston	89	36	65.2	8.0	0	-.85	-.63	-.26
Red Wing	93	41	67.7	8.9	0	-.80	1.35	1.36
Rochester	92	45	67.3	8.9	.05	-.75	-.11	-.47
Rosemount	92	43	67.6	9.6	.19	-.73	2.85m	3.34m
Winona Dam	88	37	65.0	7.3	0	-.78	.29	-.13

m=some data missing

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